

### Anti-MLD antibody [EPR9680] - BSA and Azide free ab232606

敲除验证
重组
RabMAb

#### 3 图像

#### 概述

产品名称	Anti-MLD抗体[EPR9680] - BSA and Azide free
描述	兔单克隆抗体[EPR9680] to MLD - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HepG2, U87-MG, 293 and T47D cell lysates.
常规说明	<p>ab232606 is the carrier-free version of <a href="#">ab185237</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR9680
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab232606于以下的经测试应用

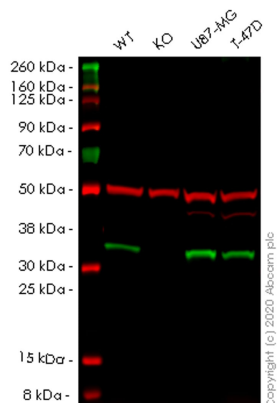
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 38 kDa.

靶标

相关性	DEGS1 is a member of the membrane fatty acid desaturase family which is responsible for inserting double bonds into specific positions in fatty acids. It contains three His containing consensus motifs that are characteristic of a group of membrane fatty acid desaturases. It has sphingolipid-delta-4-desaturase activity and converts D-erythro-sphinganine to D-erythro-sphingosine (E-sphing-4-enine).
细胞定位	Endoplasmic reticulum and Mitochondrial

图片



Western blot - Anti-MLD antibody [EPR9680] - BSA and Azide free (ab232606)

**All lanes :** Anti-MLD antibody [EPR9680] ([ab185237](#)) at 1/1000 dilution

**Lane 1 :** Wild-type HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

**Lane 2 :** DEGS1 knockout HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

**Lane 3 :** U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) whole cell lysate

**Lane 4 :** T-47D (Human ductal breast epithelial tumor cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes :** Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

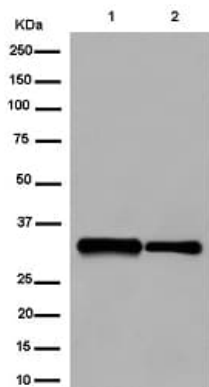
**Predicted band size:** 38 kDa

**Observed band size:** 38 kDa

This data was developed using [ab185237](#), the same antibody clone in a different buffer formulation.

**Lanes 1-4:** Merged signal (red and green). Green - [ab185237](#) observed at 38 kDa. Red - loading control [ab8245](#) observed at 36 kDa.

[ab185237](#) Anti-MLD antibody [EPR9680] was shown to specifically react with MLD in wild-type HEK-293T cells. Loss of signal was observed when knockout cell line [ab266481](#) (knockout cell lysate [ab257918](#)) was used. Wild-type and MLD knockout samples were subjected to SDS-PAGE. [ab185237](#) and Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-MLD antibody [EPR9680] - BSA and Azide free (ab232606)

**All lanes :** Anti-MLD antibody [EPR9680] ([ab185237](#)) at 1/10000 dilution

**Lane 1 :** U87-MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate

**Lane 2 :** HEK-293 (Human epithelial cell line from embryonic kidney) cell lysate

Lysates/proteins at 20 µg per lane.

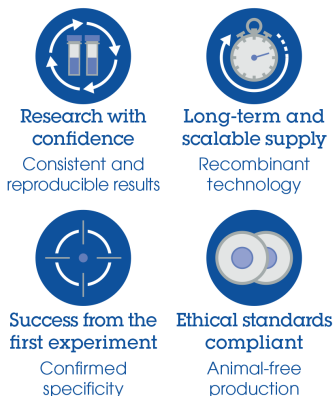
### Secondary

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 38 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab185237](#)).

### Why choose a recombinant antibody?



Anti-MLD antibody [EPR9680] - BSA and Azide free (ab232606)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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